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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

tute for form 1449A/PTO

Application Number 10/799,076

Filing Date March 12, 2004

First Named Inventor Robert C. Schucker

Art Unit Examiner Name

(Use as many sheets as necessary)
Sheet 1 of 3 Attorney Docket Number 18056/101306-00

	_		U.S. PATENT	DOCUMENTS	
Examiner Cite Initials* No.		Document Number Number-Kind Code ^{2 (F known)}	Document Number Publication Date MM-DD-YYYY		Piges, Columns, Lines, Where Rulevant Passages or Relevant Figures Appear
DW		us- 20020172871	11/21/2002	Schucker	
10		^{US-} 3,896,018	07/22/1975	Powers, et al	
		^{US-} 3,896,019	07/22/1975	Mitoff, et al	
		^{US-} 3.900.381	08/19/1975	Powers	
		^{us-} 3.901.733	08/26/1975	Toy, et al	
		^{US-} 3,976,554	08/24/1976	Powers, et al	
		^{US-} 3,985,575	10/12/1976	Ludwig	
		^{us-} 4.038.464	07/26/1977	Baukal, et al	
		l ^{us-} 4.041.215	08/09/1977	Kormanyos, et al	
		^{US-} 4,226,923	10/07/1980	Mikkor	
		^{US-} 4,244,986	01/13/1981	Paruso, et al	
		us- 4,422,917	12/27/1983	Hayfield	
		^{US-} 4,526,844	07/02/1985	Yoldas, et al	
		^{US-} 4,568,502	02/04/1986	Theodore, et al	
		^{US-} 5,503,294	10/01/1991	Sernka, et al	
		^{US-} 5,059,497	10/22/1991	Prince, et al	
V		^{US-} 5,112,703	05/12/1992	Koenig	
DW.		^{us-} 5,691,082	11/25/1997	Kajita, et al	

	FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cile No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁶ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Υ°					
OW)		EP 453,796	10/30/1991	Hughes Aircraft C	or Relevant Figures Appear D.						
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Filing Date INFORMATION DISCLOSURE March 12, 2004 First Named Inventor Robert C. Schucker STATEMENT BY APPLICANT Art Unit

Examiner Name (Use as many sheets as necessary) Attorney Docket Number 18056/101306-00

		_	U. S. PATENT	DOCUMENTS	
Examiner nitials*	Cite No. ¹	Document Number Number-Kind Code ² (F known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Rulevant Passages or Relevant Figures Appear
DW	\ \	^{US-} 5,958,361	09/28/1999	Laine, et al	
7		US-			
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Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code® Number® Kind Code® (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶					

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Substitute for form 1449BJPTO					Complete If Known					
					Application Number 10/799,076					
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Sheet	;	3	of	3	Attorney Docket Number	18056/101306-00				
				NON PATEN	T LITERATURE DOCUMENTS					
Examiner Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (box magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.							T²			
Owf		1	J.L. Sudworth & A.R. Tilley, "The Sodium-Sulfur Battery", Chapman & Hall, New York, 1985							
Dul	/		R.E. Mistler & E.R. Twiname, "Tape Casting: Theory and Practice", American Ceramic Society, 2000, Tables 2.1-2.4							
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